

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	452612-2000
First Inventor	Cake, Brian Victor
Title	PHYSICALLY SMALL ANTENNA ELEMENTS AND ANTENNAS BASED THEREON
Express Mail Label No.	EU 988129392 US

TO

00 46 U.S. 0/64913
08/26/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(*Submit an original, and a duplicate for fee processing*)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 78]
(*preferred arrangement set forth below*)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix.
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (*if filed*)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s)(35 U.S.C. 113) [Total Sheets 29]

5. Oath or Declaration [Total Pages ____]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(*if applicable, all necessary*)

- a. Computer Readable Form (CFR)
- b. Specification sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(*when there is an assignee*)

11. Combined Declaration/Power of Attorney

12. English Translation Document (*if applicable*) Copies of IDS Citations

13. Information Disclosure Statement (IDS)/PTO-1449

14. Preliminary Amendment

15. Return Receipt Postcard (MPEP 503)
(*Should be specifically itemized*)

16. Certified Copy of Priority Document(s)
(*if foreign priority is claimed*)

17. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach from PTO/SB/35 or its equivalent.

18. Other: **Check # 026874 in the amount of \$375.00**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: ____ / ____
Prior application information: Examiner: ____ Group/Art Unit: ____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	20999		or <input type="checkbox"/> Correspondence address below
Name	Darren Simon for Frommer Lawrence & Haug, LLP		
Address	745 Fifth Avenue		
City	New York	State	NY 10151
Country	US	Telephone	212-588-0800
Name (Print/Type)	Darren M. Simon		Registration No. (Attorney/Agent) 47,946
Signature	<i>Darren M. Simon</i>		Date August 26, 2003

08/26/03



Under the Paperwork Reduction Act of 1965, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$375.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Herewith 08/26/03
First Named Inventor	Cake, Brian Victor
Examiner Name	Not Yet Known

Attorney Docket No.

452612-2000

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number

50-0320

Deposit Account Name

Frommer Lawrence & Haug LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) associated with this communication
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Fee Small Entity Fee Fee

Fee Code	Fee \$	Fee Code	Fee \$	Fee Description
1051	130	2051	65	Surcharge – late filing fee or oath
1052	50	2052	25	Surcharge – late provisional filing fee or Cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action

Fee Paid

1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1450	2254	725	Extension for reply within fourth month
1255	1970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive – unavoidable
1453	1300	2453	650	Petition to revive- unintentional
1501	1300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801	375	Request for continued examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Fee Paid

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee

Complete if applicable

SUBMITTED BY

Name (Print/Type)	Daren M. Simon	Registration No. (Attorney/Agent)	47,946	Telephone	212-588-0800
Signature				Date	8/26/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFCCommissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Attorney Docket No. 452612-2000

New Patent Application

PHYSICALLY SMALL ANTENNA ELEMENTS AND ANTENNAS BASED THEREON

Express Mail No.: EU 988129392 US

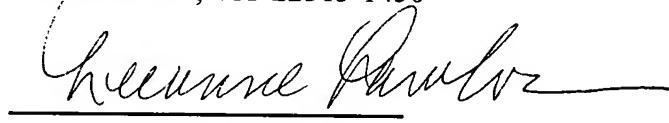
Date of Deposit: August 26, 2003

I hereby certify that this application and the accompanying papers are being deposited with the

United States Postal Service "Express Mail Post Office to Addressee"

service under 37 CFR 1.10 on the date indicated above and is addressed to:

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450



Leeanne Lawlor
August 26, 2003